

POPSF 11.3.40.1 v.1  
8/15/08

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USEPA SF



1445044

Department of State Lands  
775 Summer Street NE, Suite 100  
Salem, OR 97301-1279  
☎ 503-986-5200

Permit No.:	RF-04868 Renewal
Permit Type:	Removal/Fill
Waterway:	Willamette River
County:	Multnomah
Expiration Date:	March 18, 2013
Corps No.:	2001-00085

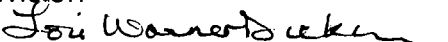
**LAKESIDE INDUSTRIES**

**IS AUTHORIZED IN ACCORDANCE WITH ORS 196.800 TO 196.990 TO PERFORM THE OPERATIONS DESCRIBED IN THE ATTACHED COPY OF THE APPLICATION, SUBJECT TO THE SPECIAL CONDITIONS LISTED ON ATTACHMENT A AND TO THE FOLLOWING GENERAL CONDITIONS:**

1. This permit does not authorize trespass on the lands of others. The permit holder shall obtain all necessary access permits or rights-of-way before entering lands owned by another.
2. This permit does not authorize any work that is not in compliance with local zoning or other local, state, or federal regulation pertaining to the operations authorized by this permit. The permit holder is responsible for obtaining the necessary approvals and permits before proceeding under this permit.
3. All work done under this permit must comply with Oregon Administrative Rules, Chapter 340; Standards of Quality for Public Waters of Oregon. Specific water quality provisions for this project are set forth on Attachment A.
4. Violations of the terms and conditions of this permit are subject to administrative and/or legal action which may result in revocation of the permit or damages. The permit holder is responsible for the activities of all contractors or other operators involved in work done at the site or under this permit.
5. A copy of the permit shall be available at the work site whenever operations authorized by the permit are being conducted.
6. Employees of the Department of State Lands and all duly authorized representatives of the Director shall be permitted access to the project area at all reasonable times for the purpose of inspecting work performed under this permit.
7. Any permit holder who objects to the conditions of this permit may request a hearing from the Director, in writing, within twenty-one (21) calendar days of the date this permit was issued.
8. In issuing this permit, the Department of State Lands makes no representation regarding the quality or adequacy of the permitted project design, materials, construction, or maintenance, except to approve the project's design and materials, as set forth in the permit application, as satisfying the resource protection, scenic, safety, recreation, and public access requirements of ORS Chapters 196, 390 and related administrative rules.
9. Permittee shall defend and hold harmless the State of Oregon, and its officers, agents, and employees from any claim, suit, or action for property damage or personal injury or death arising out of the design, material, construction, or maintenance of the permitted improvements.

**NOTICE:** If removal is from state-owned submerged and submersible land, the applicant must comply with leasing and royalty provisions of ORS 274.530. If the project involves creation of new lands by filling on state-owned submerged or submersible lands, you must comply with ORS 274.905 - 274.940. This permit does not relieve the permittee of an obligation to secure appropriate leases from the Department of State Lands, to conduct activities on state-owned submerged or submersible lands. Failure to comply with these requirements may result in civil or criminal liability. For more information about these requirements, please contact the Department of State Lands, 503-986-5200.

Lori Warner-Dickason, W Region Manager  
Wetlands & Waterways Conservation Division  
Oregon Department of State Lands

  
Authorized Signature

April 3, 2008  
Date Issued

## ATTACHMENT A

Permittee: Lakeside Industries

### Special Conditions for Material Removal/Fill Permit No. 4868

1. This permit authorizes the annual removal of 1,000 cubic yards of material in Section 19, T1N, R1E (Willamette River, mile 8.5) for maintenance dredging purposes to provide barge access to tie-up facilities as outlined in the attached permit application, map and drawings.
2. This permit authorizes the fill in waters of the state of up to 1,000 cubic yards of material annually in Section 19, T1N, R1E (Willamette River, mile 8.5), as the result of incidental spillage of material off of the barge where it is stockpiled.
3. Work in the waterway shall be done so as to minimize turbidity increases in the water that would degrade water quality and damage aquatic life. Turbidity shall not exceed 10% above natural stream turbidities, except as allowed by OAR 340-41.
4. Care shall be taken to prevent any petroleum products, chemicals, or other deleterious materials from entering the water.
5. Waste materials shall be reused in asphalt production. On-site or off-site disposal is not permitted without prior authorization from the Department.
6. In-water work shall be conducted between July 1 to October 31 and December 1 to January 31.
7. Material shall not be removed to a depth greater than -8 feet Columbia River Datum. Removal of material below that depth and any beneficial use of that dredged material below -8 feet C.R.D. may cause the material to be subject to royalties payable to the State of Oregon.
8. The Department of State Lands retains the authority to temporarily halt or modify the project in case of excessive turbidity or damage to natural resources.

Renewal Issued: April 3, 2008



US Army Corps  
Of Engineers (Portland District)

## Joint Permit Application Form

RECEIVED

APR 01 2008

DEPARTMENT OF STATE LANDS  
DATE STAMP



Corps Action ID Number

AGENCIES WILL ASSIGN NUMBERS

Oregon Department of State Lands No **RP-4868**

**SEND ONE SIGNED COPY OF YOUR APPLICATION TO EACH AGENCY**

District Engineer  
ATTN: CENWP-OD-GP  
PO Box 2946  
Portland, OR 97208-2946  
503-808-4373

AND

West of the Cascades:  
State of Oregon  
Department of State Lands  
PO Box 4395, Unit 18  
Portland, OR 97208-4395  
503-378-3805

OR

East of the Cascades:  
State of Oregon  
Department of State Lands  
1645 NE Forbes Road, Suite 112  
Bend, Oregon 97701  
541-388-6112

APP0016657

(1) Applicant Name and Address	LAKESIDE INDUSTRIES 6505 226 <sup>th</sup> PL. SE, #200 Issaquah, WA. 98027	Business Phone # Home Phone# FAX # E-mail:	425-313-2600  425-313-2631
Authorized Agent Name and Address <input type="checkbox"/> Consultant <input type="checkbox"/> Contractor	JAMES HATCH, P.G. 6505 226 <sup>th</sup> PL. SE, #200 Issaquah, WA. 98027	Business Phone # Home Phone# FAX # E-mail:	425-313-2660 [REDACTED] 425-313-2631 JAMES@LAKESIDE
Property Owner Name and Address (If different than applicant)		Business Phone # Home Phone# FAX # E-mail:	

(2) PROJECT LOCATION				
Street, Road or other descriptive location	Quarter/Quarter	Section	Township	Range
4850 N.W. FRONT STREET	NE 1/4	19	1N	1E
In or Near (City or Town) PORTLAND	County MULTNOMAH	Tax Map #	Tax Lot # 112 5 113	
Wetland/Waterway Name (pick one) WILLAMETTE	River Mile (if known) 8.5	Latitude (in DD.DDDD format) 45° 33' 31"	Longitude (in DD.DDDD format) 122° 43' 36"	
Directions to the site:				

(3) PROPOSED PROJECT INFORMATION							
Type:	<input checked="" type="checkbox"/> Fill	<input checked="" type="checkbox"/> Excavation (removal)	<input type="checkbox"/> In-Water Structure	<input type="checkbox"/> Maintain/Repair an Existing Structure			
Brief Description:	Maintenance of depth (Fres board) of water due to minor gravel spills adjacent to barge loading dock						
	Fill 1000 cy +/-						
	<input type="checkbox"/> Riprap	<input type="checkbox"/> Rock	<input checked="" type="checkbox"/> Gravel	<input checked="" type="checkbox"/> Sand	<input type="checkbox"/> Silt	<input type="checkbox"/> Clay	<input type="checkbox"/> Organics <input type="checkbox"/> Other:
Wetlands	Permanent (cy)	Temporary (cy)		Total cubic yards for project (including outside OHW/wetlands)		1000 yds <sup>3</sup>	
	Impact Area in Acres	Dimensions (feet)	L'	W'	H'		
Waters below OHW	Permanent (cy)	Temporary (cy)		1000 +/- year			
	Impact Area in Acres	0.4	Dimensions (feet)	L' 120	W' 150	H' 8	
Removal							
	<input type="checkbox"/> Riprap	<input type="checkbox"/> Rock	<input checked="" type="checkbox"/> Gravel	<input checked="" type="checkbox"/> Sand	<input type="checkbox"/> Silt	<input type="checkbox"/> Clay	<input type="checkbox"/> Organics <input type="checkbox"/> Other:
Wetlands	Permanent (cy)	Temporary (cy)		Total Cubic yards for project (including outside OBW/wetlands)		1000 yds <sup>3</sup>	
	Impact Area in Acres	Dimensions (feet)	L'	W'	H'		
Waters below OHW	Permanent (cy)	Temporary (cy)		1000 +/- year			
	Impact Area in Acres	0.4	Dimensions (feet)	L' 120	W' 150	H' 8	

<sup>1</sup> If applicant is not the property owner, permission to conduct the work must be attached.

<sup>2</sup> Attach a copy of all tax maps with the project area highlighted.

\* Italicized areas are not required by the Corps for a complete application, but may be necessary prior to final permit decision by the Corps.



Total acres of construction related ground disturbance <u>0</u> (If 1 acre or more a 1200-C permit may be required from DEQ)		
Is the disposal area upland?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Impervious surface created? <input checked="" type="checkbox"/> <1 acre? <input type="checkbox"/> >1 acre? <u>0</u> <del>NONE</del>
Are you aware of any <u>state</u> or <u>federally</u> listed species on the project site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, please explain in the project description (in block 4)
Are you aware of any <u>Cultural/Historic Resources</u> on the project site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is the project site within a national <u>Wild &amp; Scenic River</u> ?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is the project site within a <u>State Scenic Waterway</u> ?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

(4) **PROPOSED PROJECT PURPOSE & DESCRIPTION**

**Project Purpose and Need:**

Provide a description of the public, social, economic, or environmental benefits of the project along with any supporting formal actions of a public body (e.g. city or county government), as appropriate.\*

This project will allow Lakeside Industries to continue its long-established practice of off-loading gravel/sand to be used in the production of asphalt. Most of the asphalt produced at this plant is used to pave/repair existing area roads & highways which support local & interstate commerce. This project/practice is supported by local Government by proposing & letting contracts to do this work.

**Project Description:**

Please describe in detail the proposed removal and fill activities, including the following information:

- ☒ Volumes and acreages of all fill and removal activities in waterway or wetland separately
- ☒ Permanent and temporary impacts
- ☒ Types of materials (e.g., gravel, silt, clay, etc.)
- ☒ How the project will be accomplished (i.e., describe construction methods, equipment, site access)
- ☒ Describe any changes that the project may make to the hydraulic and hydrologic characteristics (e.g., general direction of stream and surface water flow, estimated winter and summer flow volumes.) of the waters of the state, and an explanation of measures taken to avoid or minimize any adverse effects of those changes.
- ☒ Is any of the work already complete? ☐ yes ☒ no If yes, please describe the completed work.

In addition, for fish habitat or wetland restoration or enhancement activities, complete the information requested in supplemental Fish Habitat or Wetland Restoration and Enhancement form.

The proposed project consists of Removal of sand/gravel from the area immediately adjacent to the existing dock. The sand/gravel mix is deposited slowly, over time, as barges are unloaded. The material is removed w/ a clamshell device and returned to shore where it is used as originally intended - in hot-mix asphalt. It has been previously estimated that up to 1000 cy of sand/gravel aggregate is deposited per year. As the material builds up, it becomes increasingly difficult to bring the barges in close to the dock. Eventually it becomes impossible. Area of impact is approx. 120x150 (0.4 ac.) Total impacts are temporary rather than permanent & include minor turbidity due to Removal. Only previously spilled sand/gravel is removed. No underlying sediment is disturbed. No changes are made to the hydraulic & hydrologic regimes locally.

\* Initialed areas are not required by the Corps for a complete application, but may be necessary prior to final permit decision by the Corps.

**Project Drawings:**

State the number of project drawing sheets included with this application: 3

A complete application must include a location map, site plan, cross-section drawings and recent aerial photo as follows and as applicable to the project:

☒ Location map (must be legible with street names)

☒ Site plan including:

- ☐ Entire project site and activity areas
- ☐ Existing and proposed contours
- ☐ Location of ordinary high water, wetland boundaries or other jurisdictional boundaries
- ☐ Identification of temporary and permanent impact areas within waterways or wetlands
- ☐ Map scale or dimensions and north arrow
- ☐ Location of staging areas
- ☐ Location of construction access
- ☐ Location of cross section(s), as applicable
- ☐ Location of mitigation area, if applicable

☒ Cross section drawing(s) including:

- ☐ Existing and proposed elevations
- ☐ Identification of temporary and permanent impact areas within waterways or wetlands
- ☐ Ordinary high water and/or wetland boundary or other jurisdictional boundaries
- ☐ Map scale or dimensions

☐ Recent Aerial photo (1:200, or if not available for your site, the highest resolution available)

Will any construction debris, runoff, etc., enter a wetland or waterway? ☐ Yes ☒ No  
If yes, describe the type of discharge and show the discharge location on the site plan.

Estimated Project Start Date: AS-NEEDED

(AT MOST, SEMI-ANNUALLY)

Estimated Project Completion Date: 2 weeks from  
Start.

(5)

## PROJECT IMPACTS AND ALTERNATIVES

## Alternatives Analysis:

Describe alternative sites and project designs that were considered to avoid or minimize impacts to the waterway or wetland. (Include alternative design(s) with less impact and reasons why the alternative(s) were not chosen. Reference OAR 141-085-0025 (3(j)) and 141-085-0029 (4 through 6) for more information. \*)

- ① Truck import has been considered but is more expensive, creates additional traffic impacts & increases emissions from vehicles.
- ② Barge import is most economical & efficient & limits impacts on the environment.

## Measures to minimize impacts:

Describe what measures you will use (before and after construction) to minimize impacts to the waterway or wetland. These may include but are not limited to the following:

- ☐ For projects with ground disturbance include an erosion control plan or description of other best management practices (BMP's) as appropriate. (For more information on erosion control practices see DEQ's Oregon Sediment and Erosion Control Manual)
- ☐ For work in waterways where fish or flowing water are likely to be present, discuss how the work area will be isolated from the flowing water.
- ☐ If native migratory fish are present (or were historically present) and you are installing, replacing or abandoning a culvert or other potential obstruction to fish passage, complete and attach a statement of how the Fish Passage Requirements, set by the Oregon Department of Fish and Wildlife will be met.

Unloading of aggregate is limited to one small area so inadvertent spill is limited/minimized.

Care is used to only remove spilled aggregate which has very low fines (< 200 sieve) content. This means almost no turbidity is created due to disturbance of underlying fine-grained River sediment. River bottom elevation is known, so clam shell is operated such that a "cap" of aggregate is left in place to avoid disturbance. This has worked very well in the past & will continue to work well.

\* Italicized areas are not required by the Corps for a complete application, but may be necessary prior to final permit decision by the Corps.

## Description of resources in project area

Impact area is: ☐ Ocean ☐ Estuary ☒ River ☐ Lake ☐ Stream ☐ Freshwater Wetland

Describe the existing physical and biological characteristics of the wetland/waterway site by area and type of resource (Use separate sheets and photos, if necessary).

For wetlands, include, as applicable:

- ☐ Cowardin and Hydrogeomorphic (HGM) wetland class (s)\*
- ☐ Dominant plant species by layer (herb, shrub, tree)\*
- ☐ Whether the wetland is freshwater or tidal
- ☐ Assessment of the functional attributes of the wetland to be impacted\*
- ☐ Identify any vernal pools, bogs, fens, mature forested wetland, seasonal mudflats, or native wet prairies in or near the project area.)

For waterways, include a description of, as applicable:

- ☐ Channel and bank conditions\*
- ☐ Type and condition of riparian vegetation\*
- ☐ Channel morphology (i.e., structure and shape)\*
- ☐ Stream substrate\*
- ☐ Fish and wildlife (type, abundance, period of use, significance of site)
- ☐ General hydrological conditions (e.g. stream flow, seasonal fluctuations)\*

The site is located @ R.M. 8.5 on the Willamette River. The site has been "armor-plated" w/ extensive use of rip-rap to protect banks. Bank vegetation consists of minor growth of grasses & blackberry. There is no native riparian vegetation present. Stream substrate at this location consists of a mix of fine to medium sands & silts w/ gravel - normal riverine deposits in a low-gradient reach. There are normally flows that fluctuate due to runoff, rainfall, snowmelt & evaporation. There is also some tidal influence at this location. Fish use is typical of Pacific Rivers e.g. some anadromous fish use & some resident populations of native & introduced species.

Describe the existing navigation, fishing and recreational use of the waterway or wetland.\*

Navigation is typical for an industrial area e.g. normal commercial traffic. There is almost no recreational use at this location.

\* Italicized areas are not required by the Corps for a complete application, but may be necessary prior to final permit decision by the Corps.



<b>Site Restoration/Rehabilitation</b>			
<input type="checkbox"/> For temporary disturbance of soils and/or vegetation in waterways, wetlands or riparian areas, please discuss how you will restore the site after construction including any monitoring, if necessary*			
<b>Mitigation</b>			
Describe the reasonably expected adverse effects of the development of this project and how the effects will be mitigated *			
<input type="checkbox"/> For permanent impact to wetlands, complete and attach a Compensatory Wetland Mitigation (CWM) Plan. (See OAR 141-085-0121 to OAR 141-085-0176 for plan requirements)*			
<input type="checkbox"/> For permanent impact to waterways or riparian areas, complete and attach a Compensatory Mitigation (CM) plan (See OAR 141-085-0115 for plan requirements)*			
<input type="checkbox"/> For permanent impact to estuarine wetlands, you must submit an Estuarine Resource Replacement Plan. (See OAR 141-085-0240 to OAR 141-085-0257 for plan requirements)*			
<b>Mitigation Location Information (Fill out only when mitigation is proposed or required)</b>			
Proposed mitigation: (Check all that apply)		Type of mitigation:	
<input type="checkbox"/> Onsite Mitigation <input type="checkbox"/> Offsite Mitigation <input type="checkbox"/> Mitigation Bank <input type="checkbox"/> Payment to Provide		<input type="checkbox"/> Wetland Mitigation <input type="checkbox"/> Mitigation for impacts to other waters <input type="checkbox"/> Mitigation for impacts to navigation, fishing, or recreation	
Street, Road or other descriptive location		Legal Description (attach tax lot map*)	
		Quarter/Quarter	Section
		Township	Range
In or Near (City or Town)		County	
		Tax Map #	
Wetland/Waterway Name (pick one)		River Mile (if known)	
		Latitude (in DD.DDDD format)	
		Longitude (in DD.DDDD format)	
Name of waterway/watershed/HUC		Name of mitigation bank (if applicable)	

\* Attach a copy of all tax maps with the project area highlighted.

\* Italicized areas are not required by the Corps for a complete application, but may be necessary prior to final permit decision by the Corps.

(6)

## ADDITIONAL INFORMATION

Adjoining Property Owners and Their Address and Phone Numbers (If more than 5, attach printed labels\*)

Gunderson Inc.  
4350 N.W. Front St.  
Portland, Oregon 97210  
(503) 228-9281

Shawen Transportation Co  
4900 NW Front St.  
Portland, Oregon  
97210  
(503) 228-5850

Has the proposed activity or any related activity received the attention of the Corps of Engineers or the Department of State Lands in the past, e.g., wetland delineation, violation ~~permit~~, lease request, etc.? ☒ Yes ☐ No

COMBINED DEPT OF ARMY/DSL Permit, 2001-00085, RF 4868

If yes, what identification number(s) were assigned by the respective agencies:

Corps # 2001-00085

State of Oregon # RF 4868

Has a wetland delineation been completed for this site? ☐ Yes ☒ No

If yes, by whom\*

Has the wetland delineation been approved by DSL or the COE? ☐ Yes ☒ No

(If yes, attach concurrence letter.)\*

7)

## CITY/COUNTY PLANNING DEPARTMENT AFFIDAVIT (to be completed by local planning official)\*

I have reviewed the project outlined in this application and have determined that:

☐ This project is not regulated by the comprehensive plan and land use regulations.

☒ This project is consistent with the comprehensive plan and land use regulations.

☐ This project will be consistent with the comprehensive plan and land use regulations when the following local approval(s) are obtained.

☐ Conditional Use Approval

☐ Development Permit

☐ Other

☐ This project is not consistent with the comprehensive plan. Consistency requires a

☐ Plan Amendment

☐ Zone Change

☐ Other

An application ☐ has ☐ has not been filed for local approvals checked above.

Jason Riehling

Signature

Title

City Planner

City of Portland

Date

3/12/08

Comments: Dredging activities exempt from gateway review per 33.440.330.1. If brought to shore, dredged materials to be placed/used in existing approved locations/activities only. New stockpiles or soil placement sites require gateway review.

(8)

## COASTAL ZONE CERTIFICATION\*

If the proposed activity described in your permit application is within the Oregon coastal zone, the following certification is required before your application can be processed. A public notice will be issued with the certification statement, which will be forwarded to the Oregon Department of Land Conservation and Development for its concurrence or objection. For additional information on the Oregon Coastal Zone Management Program, contact the department at 635 Capitol Street NE, Suite 150, Salem, Oregon 97301 or call 503-373-0050.

## CERTIFICATION STATEMENT

I certify that, to the best of my knowledge and belief, the proposed activity described in this application complies with the approved Oregon Coastal Zone Management Program and will be completed in a manner consistent with the program.

Print/Type Name

Title

Applicant Signature

Date

Lakeview Ind.

(9)

SIGNATURES FOR JOINT APPLICATION

Application is hereby made for the activities described herein. I certify that I am familiar with the information contained in the application, and, to the best of my knowledge and belief, this information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities. By signing this application I consent to allow Corps or Dept. of State Lands staff to enter into the above-described property to inspecting the project location and to determine compliance with an authorization, if granted. I hereby authorize the person identified in the authorized agent block below to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.

I understand that the granting of other permits by local, county, state or federal agencies does not release me from the requirement of obtaining the permits requested before commencing the project. *I understand that payment of the required state processing fee does not guarantee permit issuance. The fee for the state application must accompany the application for completeness. Amount enclosed \$625.\**

Print /Type Name

Title

Applicant Signature

Date

I certify that I may act as the duly authorized agent of the applicant.

JAMES MATCH

Dir - Permits

Print /Type Name

Title

425-313-2490

Auth. \_\_\_\_\_ re \_\_\_\_\_

Date

1/31/08

*Landowner signatures: For projects and/or mitigation work proposed on land not owned by the applicant, including state-owned submerged and submersible lands, please provide signatures below.*

*I certify that the applicant has my permission to conduct the project on my property.\**

X Michael LEE

President

Print /Type Name

Title

Property Owner Signature

Date

2/4/08

*I certify that the applicant has my permission to conduct the proposed mitigation on my property. I also understand this may involve long term protection and monitoring of the mitigation area.\**

Print /Type Name

Title

Mitigation Property Owner Signature

Date

\* Italicized areas are not required by the Corps for a complete application, but may be necessary prior to final permit decision by the Corps.

Department of State Lands  
Joint Application Completeness Checklist

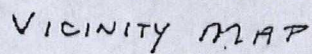
Application No:	<input type="checkbox"/> New or <input type="checkbox"/> Re-submittal	Date Received:
Reviewed By:	Complete: <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Reviewed:

The following items are required for a complete application: ( <input checked="" type="checkbox"/> Indicates information is in the application)	Comments (Please provide additional information and/or address the issues)
Applicant/property owner information (Block 1)	
<input checked="" type="checkbox"/> Name <input checked="" type="checkbox"/> Address <input checked="" type="checkbox"/> Phone <input checked="" type="checkbox"/> Agent	
Project location information (Block 2)	
<input checked="" type="checkbox"/> T.R.S. <input type="checkbox"/> ¼, ¼ sec (eg. AB, NW/NW) <input type="checkbox"/> Tax lot	
<input checked="" type="checkbox"/> City <input checked="" type="checkbox"/> County <input checked="" type="checkbox"/> Street/descriptive location	
<input checked="" type="checkbox"/> Lat/long <input checked="" type="checkbox"/> Waterway <input checked="" type="checkbox"/> River mile	
Proposed project impacts (Block 3)	
<input checked="" type="checkbox"/> Type (fill, removal, in-water structure etc.)	
<input checked="" type="checkbox"/> Brief description	
<input checked="" type="checkbox"/> Fill volumes in wetlands/waters (cubic yards)	
<input checked="" type="checkbox"/> Types of fill material	
<input checked="" type="checkbox"/> Total fill impact area (acres)	
<input checked="" type="checkbox"/> Removal volumes in wetlands/waters (cubic yards)	
<input checked="" type="checkbox"/> Types of material removed	
<input checked="" type="checkbox"/> Total removal impact area (acres)	
<input checked="" type="checkbox"/> Identification of disposal area location	
<input checked="" type="checkbox"/> Known threatened/endangered species	
<input checked="" type="checkbox"/> Known archeological information	
Project Details (Block 4)	
<input checked="" type="checkbox"/> Purpose and need	
<input checked="" type="checkbox"/> Description of project	
<input checked="" type="checkbox"/> Volumes/acreage of each impact separately	
<input checked="" type="checkbox"/> Permanent/temporary impacts	
<input checked="" type="checkbox"/> Types of materials	
<input checked="" type="checkbox"/> Construction methods	
<input checked="" type="checkbox"/> Location map (with project site indicated)	
<input checked="" type="checkbox"/> Plan view drawing:	
<input checked="" type="checkbox"/> Project site and activity areas	
<input checked="" type="checkbox"/> Existing and proposed contours	→ ON VICINITY MAP
<input checked="" type="checkbox"/> OHW and/or wetland boundaries	NO wetlands
<input checked="" type="checkbox"/> Proposed temporary impacts identified	
<input checked="" type="checkbox"/> Proposed permanent impacts identified	
<input checked="" type="checkbox"/> Staging areas	
<input checked="" type="checkbox"/> Construction access	→ All work occurs on dock structure
<input checked="" type="checkbox"/> Temporary impacts	→ Same
<input checked="" type="checkbox"/> Location of cross section(s)	
<input type="checkbox"/> Mitigation area, if applicable	
<input checked="" type="checkbox"/> Cross-section drawings:	
<input checked="" type="checkbox"/> Existing and proposed elevations	
<input checked="" type="checkbox"/> OHW and/or wetland boundaries	
<input type="checkbox"/> Recent aerial photo	
<input type="checkbox"/> Material entry into wetland/waterway	
<input checked="" type="checkbox"/> Hydrological characteristics:	
<input type="checkbox"/> Description of any possible changes	
<input checked="" type="checkbox"/> Measures to avoid and minimize effects of the changes	

The following items are required for a complete application (continued):	Comments (Please provide additional information and/or address the issues)
<b>Alternatives Analysis (Block 5)</b> <input checked="" type="checkbox"/> Alternative sites evaluation <input checked="" type="checkbox"/> Alternative designs evaluation <input checked="" type="checkbox"/> Description of how selected design avoids or minimizes impacts	
<b>Minimizing impacts (Block 5)</b> <input checked="" type="checkbox"/> Identification of measures to minimize impacts during and after construction: May include but not be limited to: <input type="checkbox"/> Discussion of specific erosion and sediment control methods or BMPs. <input type="checkbox"/> Work area isolation (required for work in a waterway where migratory fish are present) <input type="checkbox"/> Identify use of ODFW fish passage criteria	<i>not necessary - all work on dock</i> <i>same</i>
<b>Project site resource description (Block 5)</b> <input checked="" type="checkbox"/> Description of existing biological and physical characteristics of the wetland/waterway <input type="checkbox"/> Wetlands (include as appropriate): <input type="checkbox"/> Type (eg. Cowardin and HGM class) <input type="checkbox"/> Dominant plant species <input type="checkbox"/> Freshwater or tidal <input type="checkbox"/> Functional assessment (as appropriate) <input checked="" type="checkbox"/> Waterways (include as appropriate): <input checked="" type="checkbox"/> Describe channel/bank conditions <input checked="" type="checkbox"/> Type and condition of riparian vegetation <input checked="" type="checkbox"/> Channel morphology <input checked="" type="checkbox"/> Stream substrate <input checked="" type="checkbox"/> Fish and wildlife species and use <input checked="" type="checkbox"/> Describe navigation, fishing and recreational use	
<b>Mitigation/Restoration (Block 5)</b> <input type="checkbox"/> Work site rehabilitation/restoration plan <input type="checkbox"/> Compensatory mitigation plan <input type="checkbox"/> Compensatory wetland mitigation plan <input type="checkbox"/> Mitigation Data Form	<i>NOT NECESSARY - ALL WORK ON DOCK</i>
<b>Additional Information (Blocks 6, 7, 8 &amp; 9)</b> <input checked="" type="checkbox"/> Adjoining property owners' names and addresses (include wetland mitigation site, if applicable) <input type="checkbox"/> Mailing labels (required if more than five) <input type="checkbox"/> Previous state or Corps of Engineers issues <input type="checkbox"/> Wetland delineation <input type="checkbox"/> Delineation concurrence <input type="checkbox"/> City or county planner review and signature <input type="checkbox"/> Coastal Zone Certification <input checked="" type="checkbox"/> Application fees received <input checked="" type="checkbox"/> Signature of applicant <input checked="" type="checkbox"/> Signature of agent <input checked="" type="checkbox"/> Signature of property owner	
<input type="checkbox"/> Completed Supplement for Fish Habitat and Wetland Restoration and Enhancement projects	

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2001-00085 Lakeside Industries - Maintenance Dredging

